ST. LOUIS AREA PHASE VI DIOXIN INVESTIGATION SITE SUMMARY REPORT

DATE: May 10, 1983

NAME OF SITE: Baptist Church

Ellisville, Missouri

OWNER/CONTACT: Dr. Charles B. Murray

137 Clarkson Road

Ellisville, Missouri 63011

Tele: 314/227-1383

SITE LOCATION: 137 Clarkson Road

Ellisville, Missouri 63011

TYPE OF SITE: Asphalt parking area serving church.

APPROXIMATE AFFECTED POPULATION: Not a proven site - potential exposed

population could be in the hundreds.

Break:

SUPERFUND RECORDS

SITE HISTORY:

As a result of an investigation by Don W. Boos (MDNR) who interviewed Dave Covert, a former Bliss employee, it was learned that parking areas around the church were sprayed in 1972 or 1973.

SAMPLING OBJECTIVE:

To determine the presence or absence of TCDD.

SAMPLING:

The cross hatched area shown in the attached figure is the area (now asphalted) which was believed to have been sprayed. Other areas of concern, frequented by children, include the north and south play areas and the front yard where children reportedly set at times.

Dennis Howard and Dan Harris laid out the parking lot sampling grid system on April 27, 1983. The grid system was laid out on a north-south eastwest plan with one to three sample points per composite as indicated in the attached figure.

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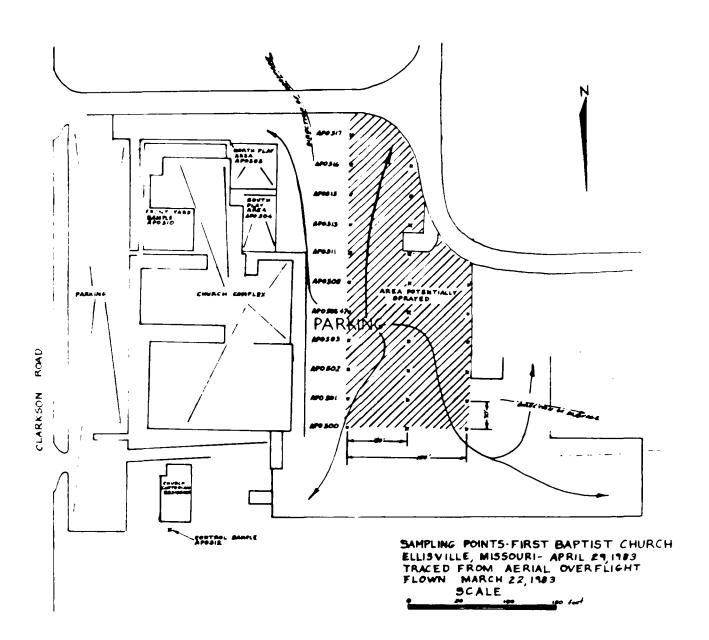
Sampling began at 1320 hours April 29, 1983, with a team consisting of the following:

Dan Harris, Team Leader, EP&R/ENSV-VII Paul Doherty, EP&R/ENSV-VII Larry Alderson, MDNR Mike Clemons, Weston-TAT/VII Dennis Howard, Weston-TAT/VII

Aliquots of the parking lot area were collected from the 0 to 12 inch depth at 60-foot intervals along east-west lines. Conforming to the shape of the parking area, composites consisted of 3 aliquots at the south end of the lot and narrowed to 1 aliquot at the north end for a total of eleven samples. An additional 3 composites consisting of 10 aliquots (0 to 6") each and collected at random locations were taken in the three areas frequented by children as indicated in the figure. One of the site drainage sediment samples was taken north of the property and one control sample (0 to 6") was collected in the south side yard of the church custodian's house. Duplicate samples were turned over to the church custodian.

All samples points are shown in the attached figure.

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